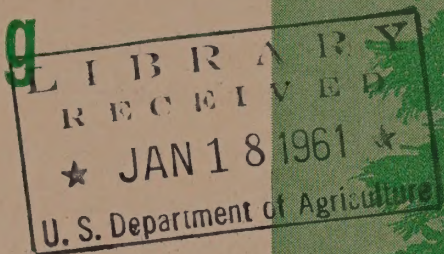


Pikes Peak Nurseries

Catalog and Planting Guide



No. 44 SPRING 1961

Evergreen Seedlings
and Transplants

Landscape Evergreen
Ornamentals

Broadleaf Evergreens
and Shrubs

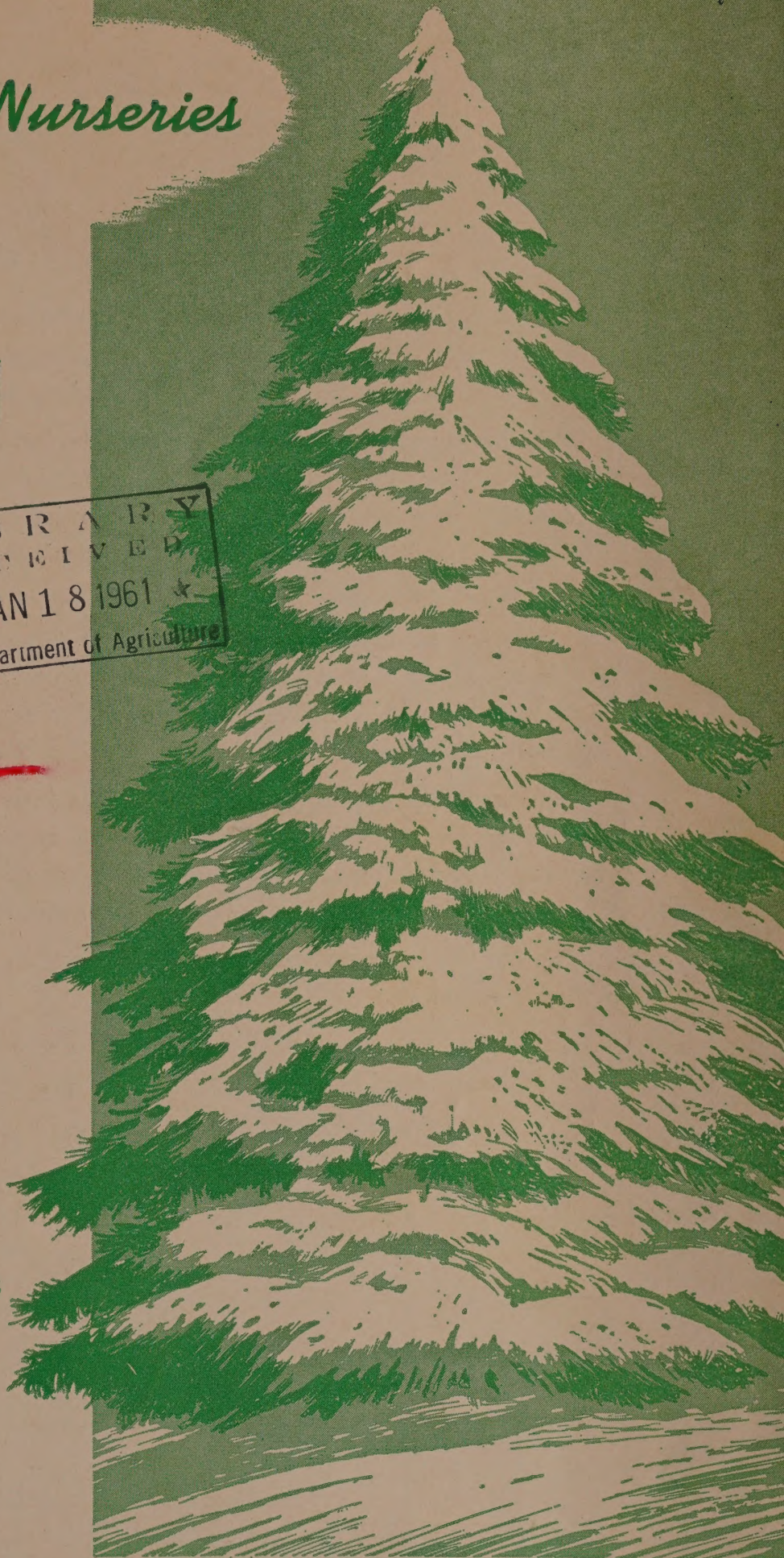
Flowering Trees

Living Hedges

Shade and Forest Trees

Nut Trees

Dwarf Fruit Trees



Pikes Peak Nurseries

801 WATER STREET INDIANA, PA.

Office Telephone: Hopkins 5-5696 • Nursery Telephone: Hopkins 3-7747

Pikes Peak Nurseries

801 WATER STREET INDIANA, PA.

A Message to Our Customers

In presenting this catalog we want to extend greetings and best wishes for a prosperous year; also to thank you for your patronage during the past. We hope we may have the pleasure of receiving your valued orders for the coming year.

We are proud of the many customers who have been sending us their orders from year to year. We trust we may add you to our growing list of pleased customers. We feel that every order we receive is an expression of trust and confidence and you can be sure we will do our best to continue to merit that trust.

We only wish it were possible for us to meet all of you personally. This being impossible, we are attempting to tell you about ourselves on this page. We welcome further inquiries and assure you we will do our best to answer promptly. To those of you who are within driving distance of our nursery, we would like to meet you personally. Visitors are always welcome.

The excellent growing conditions and our increased expansion enables us to offer for this season the finest and most complete assortment of nursery stock we have ever had. Digging, packing and shipping is personally looked after by competent help so that shipments reach you in the best possible condition.

To our old, new and prospective customers, we wish a very satisfactory and profitable season.

Sincerely,

PIKES PEAK NURSERIES

C. E. Wassam
C. E. WASSAM, *Superintendent*

F. D. Smith
F. D. SMITH, *Nurseryman*

We Invite You to Visit Us!

We are always glad for the opportunity to show visitors over our nursery. Indiana is located in Indiana County, "The Christmas Tree Capital of the World," at the junction of Routes 422, 119 and 80. Our nursery is located 8 miles East of Indiana on Route 422. We are open Monday through Saturday from 7:00 A. M. to 4:00 P. M. Sundays by appointment.

Plant Quality Stock

PENNSYLVANIA SALES TAX

Residents of Pennsylvania are subject to 4% sales tax on stock purchased from our Nursery, except on stock which is purchased for resale in its original form or for horticultural production (Christmas trees and ornamentals) in which case it will be necessary that this Sales Tax Exemption be completed and mailed with your order.

Out-of-State purchasers taking delivery at our Nursery are also subject to 4% sales tax, but have the same benefit of exemptions as Pennsylvania residents. Out-of-State purchasers ordering stock for shipment and delivery by common carrier are not subject to this sales tax.

EXEMPTION CERTIFICATE

Commonwealth of Pennsylvania Sales and Use Tax Act No. 381,
Effective March 7, 1956 (Revised 8-20-59)

19

TO *Pikes Peak Nurseries*
P.O. Box 670, INDIANA, PENNSYLVANIA (License No. 32-00762)

I hereby certify that I have purchased from the above named vendor the following items:

Quantity	Description	Purchase or Sales Slip No.	Amount Paid

to be used exclusively by

Address

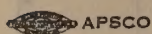
for the following purpose: ☐ Resale in Original Form ☐ Horticultural Production,
(Christmas Trees or Ornamentals).

It is understood that the exemption from tax in the case of articles purchased under this Exemption Certificate is limited to articles purchased for the exclusive use of the above named individual for the purpose stated above. If articles purchased tax free are otherwise used, such fact must be reported by the purchaser to the vendor.

False or fraudulent use of this Exemption Certificate is punishable by a fine of \$1,000 or imprisonment for one year or both.

CERTIFICATION:

Sign Here





VIEW SHOWING A PART OF OUR PLANT
SORTING, COUNTING AND PACKING BUILDING



FOREGROUND — 2 YEAR SCOTCH PINE BEDS
BACKGROUND — 1 YEAR SCOTCH PINE BEDS

CULTIVATED CHRISTMAS TREES



A SCOTCH PINE CHRISTMAS TREE PLANTATION.
HARVESTING WILL BEGIN AFTER ANOTHER SEASON'S GROWTH.

Year by year we are becoming more conscious of cultivated Christmas trees. Today approximately 50,000,000 Christmas trees are sold across our nation, involving over \$225,000,000 in seasonal business. The demand will continue to grow with our constantly increasing population.

Here is an opportunity to make idle lands work for you. Untillable soil, uncultivated hilltops and slopes can be made to pay their way by planting Christmas trees, producing a cash crop instead of a tax burden.

There are many farms where such an application can be made. Aside from beautifying our country, soil erosion can be checked. We urge you to give Christmas tree culture serious consideration.

WHAT TO PLANT

Your market area will determine what species of trees to plant. Some areas require only one or two types of trees, others can dispose of a variety. In the large eastern market there is a great demand for good Scotch Pine.

American Red Pine, Austrian Pine, White Pine, Norway Spruce, White Spruce, Douglas Fir and Balsam Fir are also popular.

Do a little checking in your Christmas tree market before planting.

Grow Several Types of Christmas Trees

If you are raising Christmas trees by the acre, diversify your planting. Plant a variety of trees with the long needled pine predominating. A good stand would be approximately 75% pine and 25% spruce and fir.

Pines will develop into marketable trees in 6 to 7 years. Spruces and Firs are slower, requiring 8 to 10 years.



WHEN TO PLANT

Best results are obtained from Spring planting, March 15 to May 31. Fall planting, September 1 to October 31, is less successful in our area. Your local weather conditions should govern the time you plant, but generally speaking, Spring is best. In Fall planting, greater care must be taken to see that the soil is tightly packed about the roots when planted or successive freezes and thaws will heave or expose the tree roots to air and the tree will die. Consult your local County or District Agricultural Agent or State University or State Department of Forestry for further information.

SPACING TREES FOR GOOD GROWTH

Systematic planting is essential for growing good Christmas trees. Proper spacing enables the trees to develop without interference from each other and to grow into good bushy specimens. Generally speaking, Spruces require less room than Pines.



We recommend the following spacing for good Christmas trees:

1. Pines — 6'x6', approximately 1200 trees per acre.
2. Spruces and Firs — 5'x5', approximately 1700 trees per acre.
3. Forest or Timber trees — 15'x15', or more when no thinning is contemplated. Where thinning is planned, trees can be spaced closer.

SPACING CHART

Spacing in Feet	No. of Trees Required Per Acre
3 by 3	4,840
4 by 4	2,722
5 by 5	1,742
6 by 6	1,210

HOW TO PLANT

Soil Preparation — It is not necessary to prepare the soil before planting. The added expense is not justified, and the grass and weeds prove a benefit in conserving moisture during the first two growing seasons. Do not use fertilizer. Remember to plant the Pines in the less fertile soil, Firs and Spruce in the better soil.

Tools — A mattock is the best tool for digging holes in hard shaley soil. If the soil is soft and rock free, a bar or spade planter can be used. This planter will eliminate a great deal of stooping. Seedlings or transplants should be carried in a bucket of thin muddy water with the roots kept covered at all times. Stakes or markers should be used for marking the rows.

Hand Planting — Line out your rows with markers so your digger will have a guide to follow. Step off spacing between trees as you plant.

In a small planting, a team of three works successfully — one man to dig holes, the other two to follow planting trees. Planters should pack soil tightly around the plant by using the "heel" of the shoe.

Large plantings can be done successfully with a ten-man crew — three men in parallel lines making holes, each followed by two men planting trees. The tenth man should follow the crew, replenishing the plant pails, watching the spacing and keeping the crew moving.

Hand planting crews should average approximately 1,000 trees per man per 8 hour day.

Machine Planting — This method is used economically where large areas are to be planted. The terrain will determine the advisability of its use because it will be difficult to operate in extremely hilly areas. In machine planting a crew of three men works to the best advantage — one man to drive the tractor, one to operate the tree planter and one to follow checking to see if the trees are correctly planted. A three-man crew can plant approximately 8,000 to 10,000 trees per 8 hour day.

CARE AFTER PLANTING

After your trees are planted you should inspect them several times a year to see how they are growing. Normally, you should expect some loss from your planting and you can replace them in the Fall or the following Spring. Keep the brush from growing around your trees, and if the grass and weeds become too prominent after your trees start to grow, it is best to mow. This will let the lower branches of the trees develop and allow you to harvest your trees as early as possible. Sometimes double shoots or leaders develop on a tree and one of these must be removed so a normal top will develop. Also inspect for disease, and if anything looks irregular consult with your County or District Agricultural Agent or State University or State Department of Forestry.

SHEARING

This is one of the most important steps in developing a good Christmas tree. Very few trees grows perfectly. Shearing is the process by which you control the growth and shape of the tree. All the Pines require shearing; Firs and Spruces do also, but to a lesser degree.

Pines should be sheared before the new growth becomes tough and woody. This will allow new buds to form where the tree has been cut. In our area Pines should be sheared during late June and early July. Firs and Spruces can be successfully sheared later in the summer. However, your locality and weather conditions will determine at which time you shear. Consult with your local County or District Agricultural Agent and attend shearing demonstrations to see how shearing is done.

Shearing or pruning should be done every year you have excessive growth of the terminal or leader shoots. This will determine the distance between branches of your tree and eliminate unsightly gaps in the growth. Keep your new growth between 10" to 14" each year. Don't wait until the third or fourth year to begin shearing. Do it when excessive tree growth requires it. The side branches should also be sheared so as to develop a symmetrical bushy tree. Shear so your tree will have a nice conical shape.

Excessive growth of the terminal shoot during the harvest year should be sheared early so the tree can heal over and develop new buds.



HARVESTING AND SELLING YOUR TREES

All the trees in your plantation will not reach the same size at once. Harvesting will continue for several years. After your final harvest you should plan to re-plant.

During your harvest years you will be confronted with the problem of how to sell your trees. This can be done in several ways.

1. Sell direct to the retail trade in your area.
2. Sell either cut or on the stump in blocks to wholesale dealers.
3. Sell delivered to the city market.

If you sell to the wholesale trade place a "For Sale" advertisement in the city newspaper nearest you, advertising the fact that you are selling "Sheared, Cultivated Christmas Trees."

Always require a cash deposit with orders and final cash settlement upon delivery. Sell only for cash or certified check.

PLANT A GARDEN NURSERY

You can save money and develop an interesting hobby by planting a garden nursery.

As you know, most trees and shrubs are quite expensive when purchased as specimen plants. However, when purchased as seedlings or small transplants they are quite moderate in cost. By allotting a small space in your garden for this purpose you can grow trees and shrubs for your own landscaping use and save money. You will find it a most interesting and absorbing hobby. Normally, trees and shrubs require a minimum of care and you will derive a great deal of pleasure from watching them grow.

EXPLANATION OF CATALOG TREE AGES

You will note that throughout the catalog the ages of the seedlings and transplants are stated by years followed by figures in parenthesis. For example.

2 Yr. Seedlings, (2-0) — This means the seedling has grown in its original bed for 2 years.

3 Yr. Seedlings, (3-0) — This means the seedling has grown in its original bed for 3 years.

3 Yr. Transplants, (2-1) — This means the seedling has grown in its original bed for 2 years, then transplanted and grown in a new bed for 1 year.

4 Yr. Transplants, (2-2) — This means the seedling has grown in its original bed for 2 years, then transplanted and grown for 2 years in another bed.

The purpose of transplanting is to develop a better root system so that the plant will withstand the shock of transplanting. Note the root systems on the Norway Spruce transplants and seedling.



Bundle of 25
3-0 Seedlings

3-0

2-0

2-2

The above picture of Norway Spruce illustrates as accurately as we can top and root development of trees in any shipment.

CARE OF PLANTS WHEN RECEIVED

When you receive your plants, remove all the packing material and place the roots in a bucket of water. Plant immediately. If you are unable to do this, "heel" in the plants by digging a trench in a shaded area and covering the roots with dirt. Pack tightly so as to exclude all air. Water if necessary, then plant just as soon as possible. Remember to keep the roots moist at all times.

Prices and specifications in this Catalog are subject to change without notice.

Pikes Peak Nurseries

INDIANA, PENNSYLVANIA

EVERGREEN SEEDLINGS AND TRANSPLANTS



SCOTCH PINE (*Pinus sylvestris*)

Pyramidal in habit. Evergreen, rigid blue green needles, 2 in cluster, 1½" to 3" long. Bears cones at maturity, 1½" to 2½" long.

Very hardy. Grows well in most kinds of soil, heavy clay to sand. Easily transplanted. Fastest grower of the pines.

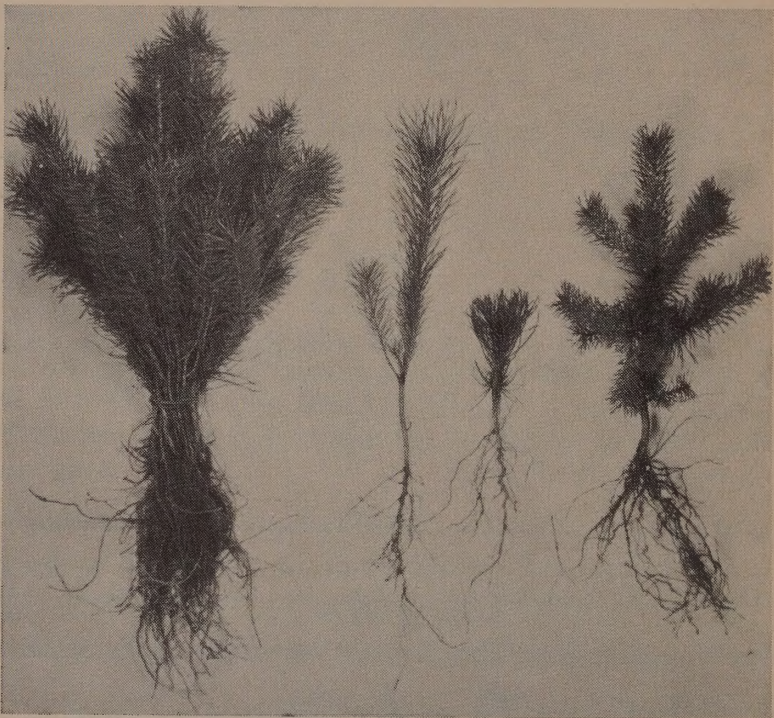
Popular Christmas tree, good ornamental, shade, windbreak and pulpwood.

Austrian Hill Strain			Per 100	Per 1000
2 Yr. Seedlings				
(2-0)	3"- 5"		\$ 2.50	\$15.00
*3 Yr. Seedlings				
(3-0)	8"-16"		3.75	25.00
French D'Auvergne				
2 Yr. Seedlings	(2-0)	4"- 8"	3.00	20.00
*3 Yr. Seedlings	(3-0)	7"-14"	3.75	25.00
4 Yr. Transplants	(2-2)	8"-15"	6.75	45.00
*5 Yr. Transplants	(2-3)	15"-24"	8.25	55.00
German Strain				
2 Yr. Seedlings	(2-0)	4"- 6"	2.50	15.00
*3 Yr. Seedlings	(3-0)	8"-16"	3.75	25.00
Italian Strain				
*3 Yr. Seedlings	(3-0)	8"-16"	3.75	25.00
Spanish Strain				
*3 Yr. Seedlings	(3-0)	8"-15"	3.75	25.00
Scotland (True Scots)				
*3 Yr. Seedlings	(3-0)	7"-14"	3.75	25.00
3 Yr. Transplants	(2-1)	5"- 8"	5.25	35.00

We can also furnish 2"-3" seedlings at \$7.50 per M in the above, suitable for transplanting to nursery beds. These are not rejects. Good healthy stock which, due to the small size, we do not recommend planting directly to the field. We cannot book orders for less than 1,000 of this size.

*These sizes especially recommended for planting where tall grass and weeds are a problem.

The picture of Scotch Pine illustrates as accurately as we can top and root development of trees in any shipment.



Bundle of 25 3-0 Seedlings 3-0 2-0 2-2

EVERGREEN SEEDLINGS AND TRANSPLANTS

AMERICAN RED PINE (*Pinus resinosa*)



Pyramidal in habit. Evergreen, slender dark green needles, flexible and sharply pointed, 2 in cluster, 5" to 6" long in tufts. Bears cones at maturity 1½" to 2½" long.

Very hardy. Grows well in a variety of soils, but best in light, sandy soil in sunny location. Rapid grower.

Popular Christmas tree, good ornamental, windbreak and timber.



			<u>Per 100</u>	<u>Per 1000</u>
3 Yr. Seedlings	(3-0)	4"- 8"	\$2.50	\$15.00



← AUSTRIAN PINE (*Pinus nigra*)

Pyramidal in habit. Evergreen, stiff, dense dark-green needles, 2 in cluster, 3½" to 6" long. Bears cones at maturity 2" to 3" long.

Very hardy. Grows well in variety of soils. Tolerant to dust and smoke. Rapid grower.

Popular Christmas tree, good ornamental, windbreak, erosion control and timber.

			<u>Per 100</u>	<u>Per 1000</u>
2 Yr. Seedlings	(2-0)	4"- 6"	\$2.75	\$17.50
3 Yr. Seedlings	(3-0)	5"-12"	3.75	25.00

MUGHO PINE (*Pinus mugho*) Pumilio var. from true dwarf Tyrolean seed.

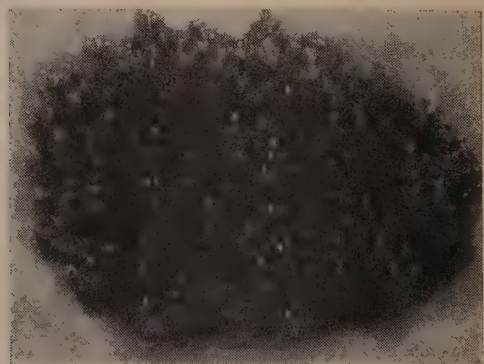
Dwarf compact bush pine. Evergreen, stiff dark green needles, 2 in cluster, ¾" to 2" long. Bears cones at maturity 1" to 1½" long.

Very hardy. Grows well in a variety of different soils and exposures. Needles do not brown. Easily transplanted.

Excellent ornamental for low lawn and hedge plantings. Shape and control by shearing.

			<u>Per 100</u>	<u>Per 1000</u>
2 Yr. Seedlings	(2-0)	2"- 3"	\$3.00	\$20.00
3 Yr. Seedlings	(3-0)	3"- 5"	5.25	35.00
4 Yr. Seedlings	(4-0)	5"-10"	6.75	45.00
3 Yr. Transplants	(2-1)	4"- 5"	8.25	55.00

All Mugho is sheared.



EVERGREEN SEEDLINGS AND TRANSPLANTS



←←← White Pine (*Pinus strobus*)

Pyramidal in habit. Evergreen, soft slender blue green needles, 5 in cluster, 2½" to 5" long. Bears cones at maturity 4" to 8" long.

Hardy. Grows well in variety of soils, but best in light sandy soil with moisture and sunlight. Rapid grower.

Fine Christmas tree, good ornamental, shade, windbreak and timber.

			Per 100	Per 1000
2 Yr. Seedlings	(2-0)	3"- 5"	\$3.00	\$20.00
3 Yr. Seedlings	(3-0)	5"-12"	4.50	30.00
4 Yr. Seedlings	(4-0)	8"-16"	6.00	40.00
3 Yr. Transplants	(2-1)	3"- 6"	6.75	45.00
4 Yr. Transplants	(2-2)	6"-14"	8.25	55.00

PONDEROSA PINE (*Pinus ponderosa*) (Western Yellow Pine) (Not Illustrated)

Pyramidal in habit. Evergreen, stout dark green needles, 2 and 3 in cluster, 4" to 7" long. Bears cones at maturity 3" to 6" long.

Hardy in sunny positions. Does best in well-drained soils of slope or ravine. Ornamental and timber.

			Per 100	Per 1000
2 Yr. Seedlings	(2-0)	3"- 4"	\$ 3.00	\$20.00
3 Yr. Seedlings	(3-0)	5"-10"	4.50	30.00

JAPANESE BLACK PINE (*Pinus thunbergi*) (Not Illustrated)

Pyramidal evergreen, soft slender dark green needles, 2 in a cluster, 3" to 9" long. Fast grower. Hardy, grows well in exposed conditions especially along the seashore.

Used for single planting and for windbreaks.

			Per 100	Per 1000
2 Yr. Seedlings	(2-0)	3"- 6"	\$ 3.00	\$20.00
3 Yr. Seedlings	(3-0)	8"-15"	4.50	30.00

EUROPEAN LARCH (*Larix decidua*)

(Not Illustrated)

Deciduous — loses needles in the fall. Pyramidal in habit. Soft, bright green needles ¾" to 1½" long. Bears cones at maturity ¾" to 1½" long.

Very hardy. Grows well in variety of soils. Best in light sandy soil. Rapid grower.

Ornamental and timber.

		Per 100	Per 1000
4 Yr. Seedlings			
(4-0) 16"-30"	\$ 5.25	\$35.00	

The picture of White Pine illustrates as accurately as we can top and root development of trees in any shipment.



Bundle of 25
3-0 Seedlings

3-0

2-0

2-2

EVERGREEN SEEDLINGS AND TRANSPLANTS

COLORADO BLUE SPRUCE (*Picea pungens*) ➡➡➡

From Blue seed trees.

Pyramidal in habit. Evergreen, spiny rigid curved needles, varying from light green to bluish green or silvery white, 3/4" to 1 1/8" long. Bears cones at maturity 2 1/2" to 4" long.

Very hardy. Grows well in a variety of soils.
Popular ornamental, Christmas tree and windbreak.
State tree of Colorado and Utah.

NOTE: All Colorado Blue Spruce offered is bed run. The seed we plant is of the finest quality from dependable sources. We sell no selected blues. Color in Colorado Blue Spruce is influenced by spacing and soil fertility. We make no representation as to percentage of blue trees.

Bed-run—greens to blues.



			Per 100	Per 1000
2 Yr. Seedlings	(2-0)	4"- 6"	\$ 3.75	\$ 25.00
3 Yr. Seedlings	(3-0)	5"-12"	6.00	40.00
4 Yr. Seedlings	(4-0)	8"-15"	8.25	55.00
3 Yr. Transplants	(2-1)	3"- 6"	9.75	65.00
4 Yr. Transplants	(2-2)	5"-10"	12.00	80.00
5 Yr. Transplants	(2-3)	8"-15"	17.50	125.00
5 Yr. Twice Transplants		12"-16"	50.00	xxx



←←← NORWAY SPRUCE (*Picea abies*)

Pyramidal in habit. Evergreen, sharp shiny dark green needles, 4-angled, 3/8" to 1" long. Spreading branches and drooping twigs. Bears cones at maturity 4" to 6" long.

Very hardy. Grows best in moist cool climate, prefers well-drained loam, but is successful in most other soils. Rapid grower.

Christmas tree, ornamental, windbreak, pulpwood and timber.

			Per 100	Per 1000
2 Yr. Seedlings	(2-0)	4"- 8"	\$ 3.00	\$20.00
3 Yr. Seedlings	(3-0)	5"-12"	4.25	27.50
3 Yr. Seedlings	(3-0)	6"-14"	4.50	30.00
4 Yr. Seedlings	(4-0)	10"-15"	6.75	45.00
Excellent stock for grassy field planting.				
3 Yr. Transplants	(2-1)	4"- 8"	7.50	50.00
4 Yr. Transplants	(2-2)	8"-15"	9.00	60.00
4 Yr. Transplants	(3-1)	5"-10"	8.25	55.00
5 Yr. Transplants	(2-3)	12"-20"	12.00	80.00

EVERGREEN SEEDLINGS AND TRANSPLANTS



WHITE SPRUCE (*Picea glauca*)

Pyramidal in habit. Evergreen, short bluish green needles, 4-angled, 1/3" to 3/4" long. Bears cones at maturity 1 1/2" to 2" long.

Very hardy. Grows best in moist cool climate; prefers well-drained loam, but is successful in most other soils. Rapid grower.

Christmas tree, ornamental, windbreak, pulpwood and timber.

			Per 100	Per 1000
2 Yr. Seedlings	(2-0)	4"- 7"	\$ 3.00	\$20.00
3 Yr. Seedlings	(3-0)	5"-12"	4.50	30.00
5 Yr. Transplants	(3-2)	12"-24"	9.00	60.00
Very Superior Stock.				
6 Yr. Transplants	(3-3)	24"-30"	15.00	90.00

BLACK HILLS SPRUCE (*Picea glauca* var. *densata*) ➡➡➡

Pyramidal in habit. Evergreen, sharp, fresh green to bluish green needles, 1/3" to 3/4" long. Bears cones at maturity 1 1/2" to 2" long.

Very hardy, withstanding severe climates. Grows well in a variety of soils. Slow grower.

Ornamental and windbreak.

			Per 100	Per 1000
3 Yr. Seedlings	(3-0)	5"-10"	\$5.25	\$35.00
4 Yr. Seedlings	(4-0)	6"-12"	6.75	45.00
4 Yr. Transplants	(2-2)	5"-10"	8.25	55.00



Pikes Peak Nurseries

INDIANA, PENNSYLVANIA

EVERGREEN SEEDLINGS AND TRANSPLANTS

DOUGLAS FIR



Pyramidal in habit. Evergreen, short-stalked flat needles, dark green or bluish green, 3/4" to 1 1/4" long. Bears cones at maturity 2" to 4" long.

Hardy. Grows well in a variety of soils, but best in moist, deep well-drained soil. Will stand part shade. Rapid grower.

Christmas tree, beautiful ornamental, windbreak, erosion control and timber.

Pseudotsuga taxifolia

			Per 100	Per 1000
2 Yr. Seedlings	(2-0)	4"- 8"	\$ 3.00	\$20.00
3 Yr. Seedlings	(3-0)	5"-12"	4.25	27.50
4 Yr. Seedlings	(4-0)	8"-16"	5.25	35.00
5 Yr. Transplants	(3-2)	12"-24"	9.75	65.00

Pseudotsuga taxifolia glauca

2 Yr. Seedlings	(2-0)	4"- 7"	3.75	25.00
3 Yr. Seedlings	(3-0)	5"-12"	6.00	40.00
4 Yr. Seedlings	(4-0)	8"-14"	7.50	50.00
4 Yr. Transplants	(2-2)	5"-10"	9.75	65.00
5 Yr. Transplants	(3-2)	12"-20"	11.25	75.00

CONCOLOR or WHITE FIR (Abies concolor)

(Not Illustrated)

Pyramidal in habit. Evergreen, flat, varying soft green to deep blue needles, 1 1/2" to 2" long. Bears cones at maturity 3" to 5" long.

Very hardy. Grows well in a variety of well-drained soils. Rapid grower after becoming established.

One of the most beautiful coniferous ornamentals, Christmas tree, pulpwood and timber.

			Per 100	Per 1000
3 Yr. Seedlings	(3-0)	4"- 8"	\$ 6.75	\$45.00

FRASER FIR (Abies fraseri)

(Not Illustrated)

Medium size, gray bark, flat, dark green needles, 1/2" to 1 1/4" long. Purple cones. Good ornamental and Christmas tree. Also used for pulpwood and lumber. Often called Southern Balsam Fir.

		Per 100	Per 1000
3 Yr. Transplants			
(2-1)	3"- 5"	\$ 7.50	\$50.00

The picture of Douglas Fir illustrates as accurately as we can top and root development of trees in any shipment.



Bundle of 25 3-0 Seedlings 3-0 2-0 2-2

EVERGREEN SEEDLINGS AND TRANSPLANTS

BALSAM FIR (*Abies balsamea*)



Pyramidal in habit. Evergreen, flat round tip needles, dark green, 5/8" to 1" long. Bears upright cones at maturity 1 1/2" to 2 1/2" long.

Will grow in cool, moist, sheltered locations and in swampy areas. Does best in areas north of Pennsylvania.

Fragrant Christmas tree, good ornamental, pulpwood and timber.

			Per 100	Per 1000
3 Yr. Seedlings	(3-0)	3"- 6"	\$ 6.00	\$ 40.00
4 Yr. Transplants	(2-2)	4"- 6"	11.25	75.00
5 Yr. Transplants	(2-3)	5"-12"	15.00	90.00
7 Yr. Twice				
Transplants	(2-3-2)	10"-18"	18.00	120.00



AMERICAN ARBORVITAE HEDGE IN THE MAKING

AMERICAN ARBORVITAE (*Thuja occidentalis*)

Pyramidal in habit. Handsome evergreen foliage. Leaves are frond-like on flat branches, varying from dark green to light green during growing season. Bears cones at maturity about 1" in size.

Hardy. Easily transplanted. Grows well in variety of soils, but best in loamy, moist soil. Favorite ornamental. Mixed plantings, hedges and windbreaks. Shear for dense hedge.

			Per 100	Per 1000
2 Yr. Seedlings	(2-0)	2"- 4"	\$ 3.00	\$20.00
3 Yr. Seedlings	(3-0)	5"-10"	4.50	30.00
4 Yr. Seedlings	(4-0)	10"-16"	6.75	45.00
5 Yr. Transplants	(3-2)	10"-18"	12.00	80.00

Popular for Hedges and Ornamentals.

EVERGREEN SEEDLINGS AND TRANSPLANTS



CANADIAN HEMLOCK USED AS A FOUNDATION PLANTING

CANADIAN HEMLOCK (*Tsuga canadensis*)

Pyramidal in habit. Foliage is gracefully slender, spray-like in appearance. Short flat needles varying from dark green to light green during growing season. Bears cones at maturity about 1" in size.

Very hardy. Grows well in a variety of soils. Prefers part shade but will do well in full shade or sun. Likes moisture. Shelter small plants from drying winds.

Handsome, graceful ornamental. Beautiful hedge if controlled by shearing.

State tree of Pennsylvania.

			Per 100	Per 1000
2 Yr. Seedlings	(2-0)	4"- 7"	\$ 6.75	\$45.00
4 Yr. Transplants	(2-2)	5"-12"	15.00	90.00

DECIDUOUS SEEDLINGS

WHITE FLOWERING DOGWOOD (<i>Cornus florida</i>)			Per 100	Per 1000
2 Yr. Seedlings	(2-0)	12"-18"	\$ 7.50	\$ 50.00
3 Yr. Seedlings	(3-0)	20"-24"	9.00	60.00
3 Yr. Seedlings	(3-0)	26"-30"	11.25	75.00

(See Page 22 for description and larger sizes)

NORWAY MAPLE (<i>Acer platanoides</i>)				
3 Yr. Seedlings	(3-0)	18"-24"	12.00	80.00

(See Page 25 for description and larger sizes)

SCARLET OR RED MAPLE (<i>Acer rubrum</i>)				
2 Yr. Seedlings	(2-0)	18"-24"	9.00	60.00

(See Page 26 for description and larger sizes)

See Special Offers on Page 17

DECIDUOUS SEEDLINGS

			Per 100	Per 1000
SILVER MAPLE (<i>Acer dasycarpum</i>)				
2 Yr. Seedlings	(2-0)	12"-18"	\$ 6.00	\$ 40.00
(See Page 26 for description and larger sizes)				
SUGAR MAPLE (<i>Acer saccharum</i>)				
2 Yr. Seedlings	(2-0)	12"-18"	6.00	40.00
(See Page 26 for description and larger sizes)				
BLACK LOCUST (<i>Robinia pseudoacacia</i>)				
1 Yr. Seedlings	(1-0)	12"-18"	3.75	25.00
2 Yr. Seedlings	(2-0)	30"-42"	4.50	30.00
3 Yr. Seedlings	(3-0)	48"-60"	5.25	35.00
(See Page 28 for description and larger sizes)				
THORNLESS HONEY LOCUST (<i>Gleditsia triacanthos inermis</i>)				
1 Yr. Seedlings	(1-0)	12"-18"	7.50	50.00
(See Page 28 for description and larger sizes)				
CHINESE ELM (<i>Ulmus pumila</i>)				
2 Yr. Seedlings	(2-0)	12"-18"	6.00	40.00
(See Page 27 for description and larger sizes)				
AMERICAN SYCAMORE (<i>Platanus occidentalis</i>)				
2 Yr. Seedlings	(2-0)	18"-24"	7.50	50.00
(See Page 25 for description and larger sizes)				
AMERICAN LINDEN (<i>Tilia americana</i>)				
1 Yr. Seedlings	(1-0)	18"-24"	11.25	75.00
(See Page 29 for description and larger sizes)				
TULIP POPLAR (<i>Liriodendron tulipifera</i>)				
2 Yr. Seedlings	(2-0)	12"-18"	9.00	60.00
(See Page 28 for description and larger sizes)				
WEeping WILLOW (<i>Salix Niobe</i>)				
2 Yr. Seedlings	(2-0)	18"-24"	17.50	xxx
(See Page 27 for description and larger sizes)				
PIN OAK (<i>Quercus palustris</i>, True Pin Oak)				
Seedlings		12"-18"	22.50	150.00
(See Page 27 for description and larger sizes)				
BLACK WALNUT (<i>Juglans nigra</i>)				
Seedlings		12"-18"	17.50	125.00
(See Page 29 for description and larger sizes)				
CHINESE CHESTNUT (<i>Castanea mollissima</i>, Ching Chow)				
2 Yr. Seedlings	(2-0)	12"-24"	45.00	300.00
3 Yr. Seedlings	(3-0)	30"-48"	75.00	500.00
(See Page 29 for description and larger sizes)				

EVERGREEN ORNAMENTAL TRANSPLANTS

Exceptionally fine stock grown in open beds. Sheared to form bushy branched plants. Barerooted — packed in damp moss. Suitable for field lining.



CUSPIDATA CAPITATA YEW

JAPANESE YEW (Taxus)

Dark green foliage all year. Perfectly hardy in the northern states. Full sun or part shade. Most popular of all landscaping trees. Shape and control by shearing.

Cuspidata Capitata (Upright, from seeds)

	Per 10	Per 100
4"- 8"	\$3.50	\$30.00
6"-12"	4.50	40.00
8"-14"	6.00	50.00

Cuspidata (Spreading, from cuttings)

5"-10"	4.00	35.00
8"-12"	6.00	50.00
10"-15"	7.50	60.00

Hicksi (Upright, from cuttings)

5"-12"	4.50	40.00
8"-14"	6.00	50.00



CUSPIDATA YEW



PFITZER CHINENSIS



HICKSI YEW

JUNIPERUS

Hardy, fast growing tree or shrub used extensively in landscaping and home plantings. New leaves in spring are silvery turning to grey green. Full sun. Shape and control by shearing.

Pfitzer Juniper (chinensis, from cuttings)

	Per 10	Per 100
8"-12"	\$6.00	\$50.00
12"-15"	7.50	65.00

Andorra Juniper (Horizontalis plumosa)

Spread 4"- 8"	6.00	50.00
8"-12"	7.50	65.00

Pfitzer Glauca Hetzi
(Blue Juniper from cuttings)

15"-20"	6.00	50.00
---------	------	-------



PFITZER GLAUCA HETZI

Lots of 50 at the 100 rate

Prices and specifications in this Catalog are subject to change without notice.

EVERGREEN ORNAMENTAL TRANSPLANTS (Continued)



GLOBE ARBORVITAE

ARBORVITAE (Thuja)

Handsome, lacy, evergreen foliage. Hardy. Easily transplanted. Grows in a variety of soils. Highly ornamental. Globe species forms a dense low globe with bright green foliage. Pyramidal and Wintergreen forms an erect and slender pyramid. Pyramidal has light green foliage. Wintergreen as the name implies is a deep, dark green the year around.

Globe Arborvitae	Per 10	Per 100
8"-12"	\$5.00	\$45.00
10"-15"	6.00	50.00



PYRAMIDAL ARBORVITAE

Pyramidal Arborvitae (pyramidalis from cuttings)

7"-12"	\$4.00	\$37.50
12"-24"	6.50	55.00

Hetzi Wintergreen Arborvitae (upright from cuttings)

7"-12"	4.00	37.50
8"-16"	6.00	50.00
20"-30"	7.50	65.00



JAPANESE HOLLY

JAPANESE HOLLY (Ilex)

Bushy low plant. Foliage is beautiful dark green and very glossy. Very hardy with black berries and round, boxwood-like leaves. Used for hedges and foundation plantings.

Ilex Rotundifolia (from cuttings)	Per 10	Per 100
5"- 8"	\$5.00	\$45.00
6"-12"	7.50	65.00

Special Offers

No. 1 COLORADO BLUE SPRUCE

25 — Selected Colorado Blue Spruce transplants for specimen planting. Color, blue-green to deep blue.

5 Yr. Transplants 10"-15" \$9.00

No. 2 AMERICAN ARBORVITAE

25 — Selected American Arborvitae for specimen or hedge planting to make your back yard a private retreat for the family and friends. Winter hardy.

5 Yr. Transplants 15"-20" \$10.00

No. 3 ORNAMENTAL TRANSPLANTS

- 5—Capitata Yew (Upright)
- 5—Cuspidata Yew (Spreader)
- 5—Pfitzer Glauca Hetzi (Blue Spreader)

Landscape your home with junior size ornamentals. In three years you will have a large landscape size.

Selected

4 Yr. Transplants 8"-12" \$7.50

No. 4 ORNAMENTAL TRANSPLANTS

- 5—Ilex Rotundifolia (Spreader)
- 5—Hicksi Yew (Upright)
- 5—Pfitzer Glauca Hetzi (Blue Spreader)

Landscape your home with junior size ornamentals. In three years you will have a large landscape size.

Selected

4 Yr. Transplants 8"-12" \$7.50

No. 5 CANADIAN HEMLOCK

25—Selected Canadian Hemlock. State tree of Pennsylvania. Plant for specimen or a winter hardy evergreen hedge.

4 Yr. Transplants 8"-12" \$7.50

No. 6 BROADLEAF EVERGREENS

2—Rhododendron (Red)

2—Ilex Rotundifolia

Winter Hardy Specimen Plants. This offer is an outstanding value.

4 Yr. Transplants 10"-12" \$10.00

No. 7 NUT TREES

2—Chinese Chestnut

2—Black Walnut

Selected 3' high, well branched stock grown in field rows.

\$ 8.00

No. 8 FLOWERING TREES

Dogwood, Crab and Peach. All pink and well branched.

Selected Field Grown 2'-3' \$10.00

(Special Value for 1961)

No. 9 SHADE TREES

1—Norway Maple

1—Sweet Gum

1—Pin Oak

Selected 3'-4', well branched, heavy rooted stock grown in field rows.

\$ 6.00

No. 10 SHADE TREES

1—White Birch

1—American Sycamore

1—Scarlet Maple

Selected 3'-4', well branched, heavy rooted stock grown in field rows.

\$ 7.50

PLEASE NOTE

Regarding Above Special Offers

No. C.O.D.'s. Cash with order. All stock shipped bare root, packed in damp moss. Shipped Postpaid. Pennsylvania customers add 4% Sales Tax.

LANDSCAPE EVERGREEN ORNAMENTALS (Balled and Burlapped)

Specimen trees suitable for landscaping. Field planted and sheared for three years. Balled and Burlapped for pick-up at our nursery.

		Per each	Per 10
AMERICAN ARBORVITAE	30"-36"	\$ 2.50	\$ 22.50
	40"-48"	3.50	32.50
	50"-60"	4.50	40.00
(See Page 12 for description and smaller sizes)			
GLOBE ARBORVITAE	18"-20"	2.25	20.00
	20"-24"	3.00	27.50
(See Page 16 for description and smaller sizes)			
GOLDEN BIOTA ARBORVITAE	24"-28"	3.50	32.50
Compact dwarf golden plants. Perfect shape.			
HETZI WINTERGREEN ARBORVITAE	40"-48"	3.50	32.50
	50"-60"	4.50	40.00
(See Page 16 for description and smaller sizes)			
JUNIPER PFITZER	24"-30"	2.50	22.50
	42"-48"	3.50	32.50
(See Page 15 for description and smaller sizes)			
JUNIPER PFITZER NANA	12"-16"	2.00	17.50
JUNIPER PFITZER COMPACTA	12"-18"	1.75	15.00
	20"-24"	2.50	22.50
JUNIPER HETZI GLAUCA (Blue)	30"-36"	3.50	32.50
(See Page 15 for description and smaller sizes)			
JUNIPER STRICTA	20"-24"	2.50	22.50
	30"-36"	3.00	27.50
HICKSI YEW	16"-20"	2.50	22.50
(See Page 15 for description and smaller sizes)			
BROWNI YEW	12"-20"	2.50	22.50
CUSPIDATA YEW	15"-20"	2.50	22.50
(See Page 15 for description and smaller sizes)			
CANADIAN HEMLOCK	15"-18"	2.00	17.50
	20"-24"	2.50	22.50
	26"-30"	3.00	27.50
	32"-36"	4.00	xxx
(See Page 13 for description and smaller sizes)			
AMERICAN HOLLY (Ilex Opaca)	15"-30"	1.75	15.00
Handsome evergreen — well worth planting for its leaves and berries. Shiny red berries, dull green leaf. Should be planted in pairs. 10'-20' high at maturity.			
JAPANESE HOLLY (Ilex Crenata-Stokes, Patent No. 887)			
	12"-15"	2.25	20.00
Dwarf evergreen — compact with small, shiny, gray-green leaves. 2' high at maturity.			
COLORADO BLUE SPRUCE	18"-20"	2.50	22.50
	24"-30"	3.00	27.50
(See Page 9 for description and smaller sizes)			
WHITE SPRUCE	24"-30"	2.25	20.00
(See Page 10 for description and smaller sizes)			

BROADLEAF EVERGREENS



RHODODENDRON CATAWBIENSE

(Grown from seed collected from Red flowering plants.)

	Each
6"-9"	\$1.50
10"-12"	2.75

PIERIS JAPONICA

An excellent broadleaf evergreen. New foliage usually a rich bronze later turning to pale green. Bears creamy white flowers in pendulous clusters up to six inches long beginning mid-summer and lasting into late summer. Hardy. Can be grown in sun or shade. Used extensively in landscape work.

12"-15" \$2.50 ea.

HYBRID AZALEAS (Grown in open beds)

Dense and shapely — very strong plants — well budded to bloom early or early mid-season.

12"-15" \$ 1.75 ea. 10 for \$15.00

Mary Frances Hawkins — Pink
 Fedora — Pink
 Corsage — Orchid
 Boudoir — Violet Red
 Joseph Haydn — Reddish Violet
 Elizabeth Gable — Red
 Purple King — Purple
 Rosette — Light Purple
 Helena Vuyk — Violet Red

AZALEA MOLLIS

Excellent hardy broadleaf shrub. Sheds leaves in winter. Prolific blooms of orange and yellow in early summer. Requires sun and acid soil.

10"-12" \$ 1.75 ea.

HYBRID RHODODENRONS

Grafted stock. Grown two years in open beds — pinched to make branching plants. Sold only balled and burlapped.

		Each
English Roseum—Rose	15"-18"	\$4.75
	20"-24"	5.50
	26"-30"	6.50
Catawbiense Grandiflorum—Lilac	20"-24"	5.50
	26"-30"	6.50
Nova Zembla—Bright Red	16"-20"	5.50
America—Bright Red	15"-18"	4.50
	20"-24"	6.50
Catawbiense Boursault—Rosy-Lilac	15"-18"	4.50
	20"-24"	5.50
Catawbiense Album—White	10"-15"	3.50
	16"-20"	5.50
Dr. H. C. Dresselhuys—Crimson Red	15"-18"	5.50
	20"-24"	6.50
Edward S. Rand—Red	10"-15"	4.00
	16"-20"	5.50
Parsons Grandiflorum—Dark lilac-rose	15"-18"	4.75
	20"-24"	6.00
Roseum Elegans—Rose Lilac	24"-30"	6.50
Lee's Dark Purple—Deep purple	15"-18"	4.75



See Special Offers on Page 17

FLOWERING SHRUBS



←←← LILACS (*Syringa*)

Beautiful, well shaped French Hybrids. Field grown and pruned for two years.

***3½'-4½' \$2.00 ea.
5 for \$9.00**

Available in the following varieties:

Pres. Lincoln — Single Blue.

Katherine Havemeyer — Double Dark Blue.

Pres. Grevy — Double Light Blue.

Chas. Jolly — Double Purple.

Ludwig Spaeth — Single Dark Red.

Marchael Lannes — Double Purple.

LILAC (*Syringa Vulgaris*)

Old Fashioned Common Purple — Own roots.

***2'-3' \$.75 ea.**

FLOWERING ALMOND (*Prunus grandalosa*)



Double pink flowers, variegated leaves. Hardy and of easy culture. Spring flowering. Very ornamental.

***24"-30" \$1.50 ea. 10 for \$12.50**

SWEET MOCKORANGE (*Philadelphus coronarius*)

(Not Illustrated)

Popular, hardy, vigorous growing shrub. Very fragrant white blossoms in late May and June. Grows to 10 feet.

***2'-3' Transplant, branched \$1.00 ea. 10 for \$ 8.00**

***3'-4' Field grown, branched 2.00 ea. 10 for 17.50**

*B. & B. — 75 cents extra per each. (Not mailable — for nursery pick-up only.)
Items under 5' may be Mailed Bare Root.



Prices and specifications in this Catalog are subject to change without notice.

FLOWERING SHRUBS

WITCH HAZEL (*Hamamelis virginiana*)

(Not Illustrated)

Hardy, ornamental shrub, bearing ribbon-like yellow flowers in late autumn. Compact, bushy growing habit with handsome foliage turning bright yellow, orange or purple in the fall. Good for natural planting and shady places.

	Each	Per 10
2' -3' Field grown, branched	\$1.00	\$ 9.00

HYDRANGEA P. G.

(Not Illustrated)

Beautiful Low Shrub. Medium to rather large size dark green leaves. The large flowers are massive cone shaped and have a pleasing variation of color, changing from the original pure white to pink and finally to rich, coppery red. Grows best in rich soil in full sun. Used for borders and as single specimens.

	Each	Per 10
18"-24" Transplants, branched	.75	6.00
2' -3' Field grown, branched	1.00	9.00

HYDRANGEA QUERCIFOLIA (Oakleaf Hydrangea)

Flowers creamy white, large oak-like leaves with a dark green silver beneath, turning to brilliant colors in the Fall. Hardy.

2'-3' Extra heavy	1.25	11.00
-------------------	------	-------



←←← FORSYTHIA

Shrubs grown for their wealth of yellow flowers appearing early in Spring, also for their handsome dark green foliage.

(*Intermedia*) — Bright yellow flowers, narrow leaves and slender arching branches.

(*Fortunei*) — Golden yellow flowers with handsome, dark green foliage. Upright, often planted as a single specimen.

	Each	Per 10
30"-36"	.75	6.00

SPIREA THUNBERGI (Thunbergi Spirea)

True old fashioned with small white blossoms borne in great profusion in early Spring. Glossy round leaves. Upright habit, attains height of 8 feet.

	Each	Per 10
2'-3' Transplants, branched	.75	6.00

SPIREA BILLARDI (Pink Spirea)

Long cone shape, pink flowers. A very rare shrub.

	Each	Per 10
18"-24" Branched	\$.50	\$4.50

PYRACANTHA (*Coccinea lalandi*)

(Not Illustrated)

Ornamental shrub grown chiefly for its bright red berry-like fruit and also for its showy white flowers and firm foliage. Low Evergreen with small narrow leaves. Grows well in any soil. Prefers sun.

12"-15" Branched	\$1.50 Each
------------------	-------------



FLOWERING TREES

WHITE FLOWERING DOGWOOD (*Cornus florida*)

(Not Illustrated)

One of the most popular of our native trees. In early spring is covered with white-petaled flowers; in early fall with red berries and beautiful crimson leaves.

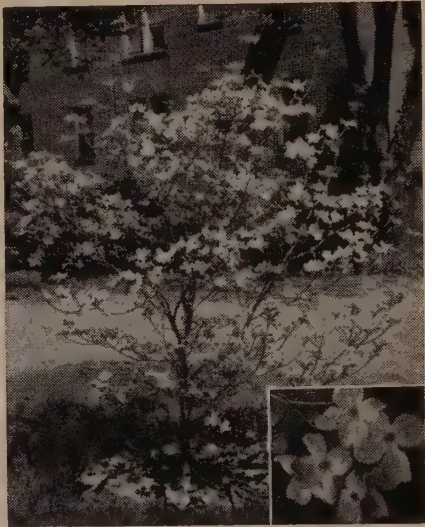
			Per 100	Per 1000
2 Yr. Seedlings	12"-18"		\$ 7.50	\$50.00
3 Yr. Seedlings	20"-24"		9.00	60.00
3 Yr. Seedlings	26"-30"		11.25	75.00
2'-3' Transplants, branched	\$.75 each	10 for \$ 6.00		
*4'-5' Field Grown, branched	2.75 each	10 for 25.00		
*6'-7' Field grown, well branched	3.50 each	10 for 30.00		

PINK FLOWERING DOGWOOD (*Cornus florida rubra*)



America's favorite flowering tree. Popular, beautiful showy tree. Blooms in early spring and is covered with deep rose-petaled flowers. Good in a group or as a single specimen — looks well planted with white dogwood. Crimson leaves in fall. Grafted trees.

30"-36" Transplants, branched	\$2.00 each	10 for \$17.50
*2½'-3' Field grown	\$2.75 each	10 for \$25.00
*4'-6' Field grown, well branched	\$4.50 each	10 for \$40.00



RED OZIER DOGWOOD (*Cornus Stonolifera*)

(Not Illustrated)

Dark blood-red branches, shrub form, leaves 2" to 5" long, white globose flowers in May or June. Height at maturity 8' to 10'.

*3'-4' Field grown, well branched	\$2.50 each	10 for \$22.50
--------------------------------------	-------------	----------------

←←← HOPA FLOWERING CRAB (*Malus*)

Fragrant Pink. Hardy, ornamental tree. In early spring bronzy-red foliage followed by pink blossoms. Showy red apples during summer. Approximate height, 15 feet.

3'-4' Whips	\$1.00 each	10 for \$ 9.00
*3'-4' Field grown, branched	\$1.75 each	10 for \$15.00
*5'-6' Field grown, well branched	\$2.75 each	10 for \$25.00



ALMEY FLOWERING CRAB (*Malus*)

(Not Illustrated)

New! Fiery Crimson! An upright vigorous hardy tree doing well in almost any location. Blooms young, bearing small scarlet fruit that lasts well into the winter season. Approximate height 15 feet.

3'-4' Whips	\$1.50 each	10 for \$12.50
*4'-5' Field grown, well branched	\$3.00 each	10 for \$27.50

*B. & B. — 75 cents extra per tree. (Not mailable — for nursery pick-up only.)
Items under 5' may be Mailed Bare Root.

FLOWERING TREES

FLORIBUNDA FLOWERING CRAB (*Malus*)

(Not Illustrated)

Pink buds, rosy-white flowers, followed by small red fruit. Vigorous bloomer. Hardy, will withstand severe winters and droughts. Approximate height, 20 feet.

*3'-4' Field grown, well branched	\$1.75 each	10 for \$15.00
*5'-6' Field grown, well branched	\$2.50 each	10 for \$22.50

RAINBOW TREE (5-N-1 Flowering Crab)

A popular Flowering Crab, with five varieties of blooms all blooming on one tree. One limb each of five of the most popular species grafted on one root stock. Each limb a different foliage and color of bloom. Hardy. Grows to 15 to 20 feet.

4' Branched	\$2.95 each	10 for \$25.00
-------------	-------------	----------------

FLOWERING CHERRY (*Prunus kwanzan*)

(Not Illustrated)

Most favored of the upright Japanese Flowering Cherries. Double blossoms, pink in color, with typical bright cherry foliage. Approximate height, 20 feet.

*4'-5' Well branched	\$4.75 each	10 for \$45.00
----------------------	-------------	----------------

FLOWERING PEACH (*Prunus persica*)

(Not Illustrated)

Ornamental, large double flowers in a range of colors from white to red. Widely grown in North America where it thrives under a great variety of conditions. Grows best in loamy soil in full sunlight.

Double White, Double Pink, Double Red.

2½'-3' Field grown	\$1.25 each	10 for \$10.00
*4'-5' Field grown	\$2.25 each	10 for \$20.00

*B. & B. — 75 cents extra per tree. (Not mailable — for nursery pick-up only.)
Items under 5' may be Mailed Bare Root.

LIVING HEDGES

PRIVET—AMUR RIVER NORTH (*Ligustrum amurense*)

Best privet for northeastern climate. Extremely hardy and will withstand severe winters. Dark green foliage on upright branches. Pruning makes plant denser. Will grow to 10 feet. Control to desired height by pruning.

*Specimen	18"-30"	\$.40 each	10 for \$3.50
*Specimen	30"-36"	\$.60 each	10 for \$5.00
*Specimen	40"-48"	\$.75 each	10 for \$6.00

Well branched and pruned—Finished Hedge material



GREEN LEAF BARBERRY (*Berberis thunbergi*)

(Not Illustrated)

Good for foundation planting and hedges.

		Per 25	Per 50	Per 100
Seedlings	6"-12"	\$5.00	\$9.50	\$17.50
*Specimen Sheared Plants	18"-24"	\$.50 each	10 for \$	4.50

*B. & B. — 75 cents extra per tree. (Not mailable — for nursery pick-up only.)
Items under 5' may be Mailed Bare Root.

LIVING HEDGES



← RED LEAF BARBERRY (*Berberis atropurpurea*)

Excellent as specimen plant or hedging. Red leaves in summer, red berries in fall. Needs sun for good color. Control by shearing.

		<u>Per 25</u>	<u>Per 50</u>	<u>Per 100</u>
Seedlings	6"-12"	\$10.00	\$19.00	\$37.50
*Specimen Sheared Plants 18"-24"		\$1.00 ea.	10 for	\$9.00

MULTIFLORA ROSE (*Rosa Multiflora Japonica*)

(Not Illustrated)

A hardy, dense bushy growing plant with pinkish-white blooms in June followed by red berries in late summer and fall. Rapid grower, 2 to 3 feet per year. Approximate height, 10 feet. Used chiefly for fencing, snow barrier, erosion control and wild life shelter and food. Not suitable for city planting. Prune back to 6" after planting for dense growth. Plant 18" apart for hedge or fence, 3 to 4 feet for windbreak and 6 feet apart for conservation.

		<u>Per 100</u>	<u>Per 1000</u>
Conservation grade	6"-12"	\$ 3.75	\$25.00

VINES AND GROUND COVER

HALL'S HONEYSUCKLE (*Lonicera japonica halliana*)



Excellent for ground cover and bank retainer. A strong vigorous, rapid growing vine with fragrant white and yellow flowers in late Spring and Summer.

	<u>Per 100</u>	<u>Per 1000</u>
Medium Lining Out Grade	\$ 6.00	\$40.00
Heavy Lining Out Grade	12.00	80.00

MYRTLE (*Vinca minor, periwinkle*) (Not Illustrated)

Old fashioned popular vine for ground cover. Grows well under shade and in areas where grass will not grow. Light blue flowers in early summer, shiny green foliage summer and winter.

	<u>Per 100</u>	<u>Per 1000</u>
Heavy, lining out clumps	7.50	50.00



SPECIAL SHADE TREES

CRIMSON KING MAPLE (Plant Patent No. 735)

(Not Illustrated)

Beautiful ornamental shade tree similar to Schwedler maple in form. Originated in Europe. Unusual glistening red leaves maintaining their color throughout the summer. We recommend wrapping trunk of tree for protection from sun scald.

3'-4' Whips	\$ 3.00 each
*6' Branched	5.75 each
*7' Branched	6.75 each

*B. & B. — 75 cents extra per tree. (Not mailable — for nursery pick-up only.)
Items under 5' may be Mailed Bare Root.

SPECIAL SHADE TREES

SCHWEDLER MAPLE

(Not Illustrated)

A type of Norway Maple. Compact and relatively slow growing. Leaves are bright purplish-red when they first come out in the Spring, changing to a very dark green in summer. Height, 45 feet.

***5'-7' Field grown, well branched**

\$4.75 each



←←← NORWAY MAPLE (*Acer platanoides*)

One of the best ornamental trees. A large handsome tree with round spreading head. Very compact in growth. Deep green leaves turning pale yellow in autumn. Generally used for lawn specimens, street and avenue plantings. Approximate height 50 to 60 feet.

		Per 100	Per 1000
Seedlings	18"-24"	\$12.00	\$80.00
4'-5' Whips			\$2.00 each
*5'-6' Field grown, well branched			3.00 each

EUROPEAN WHITE BIRCH (*Betula alba*)



Ornamental, hardy shade tree with graceful habit, noted for its bright green handsome foliage and white bark. Prefers moist, sandy and loamy soil, but will do well in poor soils. Good for lawn specimen or park planting.

***5'-6' Branched**

\$3.00 each



MOUNTAIN ASH (*Sorbus*)

(Not Illustrated)

Deep green, clean foliage. Grows graceful in an upright, compact habit. Height 20 to 25 feet with a spread of 15 feet. Large flat clusters of white flowers in Spring. Clusters of flashy, orange-red berries in Summer and Fall.

***4'-5' Branched**

\$3.00 each

AMERICAN SYCAMORE (*Platanus occidentalis*)

(Not Illustrated)

Large picturesque tree. Rapid growing, an excellent street and park tree. Especially valuable for city planting because of its resistance to smoke and gases.

		Per 100	Per 1000
Seedlings	18"-24"	\$7.50	\$50.00
*5'-6' Branched			\$1.50 each

MORAINE LOCUST (Plant Patent No. 836)

(Not Illustrated)

Ornamental, rapid growing, hardy shade tree. Adaptable to a wide range of soils. Fine foliage for cool shade, but permits sunlight to filter through for good lawn. Does not bear fruit or seed pods — a nice clean tree. Resistant to disease and insect damage. Approximate height, 50 feet.

***8'-10' Field grown, pruned, well branched**

\$8.00 each

*B. & B. — 75 cents extra per tree. (Not mailable — for nursery pick-up only.)
Items under 5' may be Mailed Bare Root.

SHADE AND FOREST TREES



←←←**SILVER MAPLE (*Acer dasycarpum*)**

Ornamental, spreading, fast-growing tree. Leaves deeply cut, bright green above and silvery white underneath. Succeeds almost anywhere, but best in rich or moist soils. Yellow leaves in the fall. Approximate height, 100 feet.

		<u>Per 100</u>	<u>Per 1000</u>
Seedlings	12"-18"	\$6.00	\$40.00
*5'-6'	Field grown, branched		\$1.50 each
*8'-10'	Field grown, branched		\$2.00 each

RED OR SCARLET MAPLE (*Acer rubrum*) (Not Illustrated)

Ornamental and forest tree. Large growing tree with attractive red flowers in early spring and attractive bright green foliage which turns bright scarlet or orange in autumn. Thrives in moist fertile soils. Valuable for street and park plantings. Approximate height, 60 to 90 feet.

		<u>Per 100</u>	<u>Per 1000</u>
Seedlings	18"-24"	\$9.00	\$60.00
*3'-4'	Field grown, branched		\$1.00 each
*5'-6'	Field grown, well branched		\$1.50 each

SUGAR MAPLE (*Acer saccharum*) (Not Illustrated)

Hard maple of handsome form. Brilliant scarlet and orange foliage in Fall. Mature trees produce sap in Spring. This sap is used for making delicious maple syrup and sugar. Wood is valuable for flooring and furniture making.

		<u>Per 100</u>	<u>Per 1000</u>
Seedlings	12"-18"	\$6.00	\$40.00
*4'-6'	Field grown, well branched		\$2.50 each

SWEET GUM (*Liquidamber styraciflua*) (Not Illustrated)

Ornamental and forest tree. A moderate growing tree with glossy green, aromatic, star-shaped leaves. Leaves are beautiful in fall, turning to various scarlet, orange and yellow tints. Grows on high land, but best on rich, moist, fertile soil. Used for lawn and street plantings. Approximate height, 60 to 80 feet.

*4'-5'	Field grown, well branched	\$2.50 each
---------------	-----------------------------------	--------------------

*B. & B. — 75 cents extra per tree. (Not mailable — for nursery pick-up only.)
Items under 5' may be Mailed Bare Root.

SHADE AND FOREST TREES

PIN OAK (*Quercus palustris*, True Pin Oak) ➡➡➡

Ornamental, rapid growing shade tree. Forms symmetrical pyramidal head. Leaves are deeply cut, bright green above, light green beneath, turning to bright red in autumn. Prefers somewhat moist soil. Used for lawn specimens, street and avenue plantings. Approximate height, 80 feet.

		Per 100	Per 1000
Seedlings	12"-18"	\$22.50	\$150.00
*3'-4' Field grown, well branched			\$1.75 each



WEeping WILLOW (*Salix niobe*) (Yellow) ➡➡➡

Ornamental, fast growing tree with graceful, weeping foliage. Succeeds in most soils but likes moisture. Good lawn specimen, and is especially effective near pools and on river banks. Approximate height, 30 to 40 feet.

		Per 100	Per 1000
Seedlings	18"-24"	\$17.50	xxx
*6'-8' Field grown, well branched			\$2.00 each



←←←CHINESE ELM (*Ulmus pumila*)

Ornamental, hardy, rapid growing tree with small dense foliage. Makes a good shade tree in a few years. Also used for tall hedge or windbreak. Grows well in a variety of soils. Approximate height, 30 to 40 feet.

		Per 100	Per 1000
Seedlings	12"-18"	\$6.00	\$40.00
*5'-6' Field grown, branched			\$1.75 each

*B. & B. — 75 cents extra per tree. (Not mailable — for nursery pick-up only.)
Items under 5' may be Mailed Bare Root.

SHADE AND FOREST TREES



←←←**LOMBARDY POPLAR (*Populus nigra italica*)**

Ornamental, rapid growing tall narrow tree with light green small leaves. Used effectively along driveways or as a screen or wind-break. Thrives in almost any soil. Approximate height, 40 to 50 feet.

		<u>Per 10</u>	<u>Per 100</u>
2'-3'	Cuttings	\$1.50	\$10.00
*3'-5'	Field grown, sheared, well branched		\$1.00 each
*6'-7'	Field grown, sheared, well branched		\$1.15 each
*8'-10'	Field grown, sheared, well branched		\$1.50 each

THORNLESS HONEY LOCUST (*Gleditsia triacanthos inermis*) (Not Illustrated)

Hardy, rapid-growing ornamental tree. Delicate, fresh green foliage. Greenish flowers in early summer, followed by large flat seed pods. Makes excellent lawn specimen, and is used in street plantings. Thrives in almost any soil. Approximate height, 80 feet.

		<u>Per 100</u>	<u>Per 1000</u>
Seedlings	12"-18"	\$7.50	\$50.00
*5'-6'	Field grown, sheared, well branched		\$2.50 each

←←←**BLACK LOCUST (*Robinia pseudoacacia*)**

One of the best soil conservation trees, will grow almost anywhere, will build the soil while growing. Fragrant white flowers in May, brown seed pods in autumn. Erosion control, shade and timber products. Approximate height, 40 to 80 feet.

		<u>Per 100</u>	<u>Per 1000</u>
Seedlings	12"-18"	\$3.75	\$25.00
Seedlings	30"-42"	4.50	30.00
Seedlings	48"-60"	5.25	35.00
Transplants 4'	\$.50 each		
	10 for \$4.50		100 for \$40.00

TULIP POPLAR (*Liriodendron tulipifera*) →→→

A hardy ornamental and important forest tree, known as yellow poplar. Pyramidal in form and adaptable to park and avenue planting. Light green, glossy, fiddle-shaped leaves and greenish-yellow tulip-shaped flowers. Grows best in deep, rich and somewhat moist soil. Approximate height, 80 to 100 feet.

		<u>Per 100</u>	<u>Per 1000</u>
Seedlings	12"-18"	\$9.00	\$60.00
*4'-5' Branched			\$1.50 each

*B. & B. — 75 cents extra per tree. (Not mailable — for nursery pick-up only.)

Items under 5' may be Mailed Bare Root.



SHADE AND FOREST TREES

AMERICAN LINDEN (*Tilia americana*) ➤➤➤

Ornamental and forest tree, known as basswood. Handsome, rapid-growing, compact tree with dull green heart-shaped leaves. Fragrant, cream-colored flowers. Adapts itself to a variety of soils. Used for street plantings. Approximate height, 50 to 75 feet.

		Per 100	Per 1000
Seedlings	18"-24"	\$11.25	\$75.00
*4'-5' Branched			\$1.50 each



NUT TREES

LOTS OF 50 AT THE 100 RATE, EXCEPT WHERE STATED

CHINESE CHESTNUT (*Castanea mollissima*, Ching Chow) ➤➤➤

Grown in our nursery from seed of select strain. Hardy, blight-resistant, fast-growing tree which will bear nuts slightly larger than the now extinct American Chestnut. Plant two or more trees for pollination. Approximate height, 30 to 35 feet.

		Per 100	Per 1000
Seedlings	12"-24"	\$45.00	\$300.00
Seedlings	30"-48"	75.00	500.00
*4'-5' Field grown, well branched			
	\$2.00 each	10 for	\$17.50



➤➤➤ BLACK WALNUT (*Juglans nigra*)

Native nut tree of eastern United States. Medium size, round headed tree known chiefly for its edible nuts and prized for its fine wood in furniture construction. Grows in a variety of soils, but best in fertile, well-drained soil. Approximate height, 50 to 75 feet.

		Per 100	Per 1000
Seedlings	12"-18"	\$17.50	\$125.00
*3'-4' Field grown, well branched			\$.75 each
*5'-7' Field grown, well branched			\$1.25 each

*B. & B. — 75 cents extra per tree. (Not mailable — for nursery pick-up only.)
Items under 5' may be Mailed Bare Root.

DWARF FRUIT TREES

Dwarf trees are very desirable for owners of ranch, split-level and two story homes where available garden space is limited. They are very ornamental as well as providing graceful flowers and fruit for the family.

5-N-1 APPLE

The City Man's orchard. Five different varieties budded on one tree providing fresh fruit all season. Yellow Delicious, Red Delicious, Stayman Winesap, Yellow Transparent and Red Rome Beauty. With its flowers, rich green foliage and fruit, it is attractive enough to plant in your front yard.

4'-6' **\$4.75 each** **2 for \$9.25**

RED McINTOSH APPLE

One of America's favorites. Bright red in color with snow white flesh.

4'-5' **\$3.25 each** **2 for \$6.25**

YELLOW DELICIOUS APPLE

The most popular yellow apple. The fruit is large and juicy with fine flavor.

4'-5' **\$3.25 each** **2 for \$6.25**

NORTHERN SPY APPLE

Very best winter apple. Large reddish fruit with juicy, crisp flesh. Excellent for dessert or culinary purposes. Keeps well in storage.

4'-5' **\$3.25 each** **2 for \$6.25**

NORTH STAR CHERRY

Very hardy - bright red - pie cherry. Ripens in early July.

3'-4' **\$3.50 each** **2 for \$6.75**

BARTLETT PEAR

Most popular summer pear. Fruit is juicy and sweet. Bears fruit year after planting.

3'-4' **\$3.25 each** **2 for \$6.25**

STANLEY PLUM

Newest and most popular of the plums. Bears prolific crops of large delicious, dark blue, freestone fruit.

3'-4' **\$3.25 each** **2 for \$6.25**

ELBERTA PEACH

The most popular of peaches. Beautiful soft pink flowers in Spring followed by luscious, full size fruit; yellow with bluish-yellow firm flesh. Freestone.

3'-4' **\$3.25 each** **2 for \$6.25**

TERMS

All prices are F.O.B. shipping point, Indiana, Pa. Parcels will be sent Parcel Post or Express Collect, whichever is cheaper, if directions are not given.

Orders for less than 50 of one kind and size cannot be accepted except where noted. Fifty (50) of one kind and size sold at the 100 rate. Five hundred (500) or more of one kind and size at the 1,000 rate.

Our free packing is your discount.

Cash or 50% deposit with all orders. Balance will be sent C.O.D.

Write for special discount on orders of 25,000 or more seedlings and/or transplants.

We will ship as near date specified as soil and weather conditions permit.

Spring shipping season begins when frost has left the ground and weather conditions are suitable for digging. This is usually the last week in March. Fall shipping is done beginning the last week in September.

Where it is necessary to ship charges prepaid items and charges collect items together, entire shipment will be shipped charges collect.

Order your trees early to be assured of good planting stock.

We also have a complete line of ornamental evergreens, shrubs, shade trees, flowering trees, nut trees, etc., for pick-up at our nursery. We invite your inspection and would be pleased to have you visit us and make your selections.

Requests for adjustments and complaints must be made in writing within 7 days after receipt of stock.

Due to the excessive costs of crating and transportation we have discontinued the shipment of B. & B. material. We offer all the listed B. & B. material based on pick-up at the nursery.

The prices in this catalog cancel all previous prices. All quotations are for immediate acceptance subject to prior sale of stock and without liability to us should injury befall the stock from frost, flood, fire or other causes beyond our control.

NOTES

NOTES

TERMS

Catalog No.

PLEASE PRINT

Shipping Address If Different

Name

R.F.D. or

City and

PLEASE PRINT

How to Ship: Parcel Post ☐ Express ☐

TOTAL VALUE

4% Sales Tax — Ornamentals, Plant Offers, Pennsylvania Delivery

TOTAL COST

Total Cash, or 50% Deposit

Check Enclosed or Balance C.O.D.

Check Here ☐

Plant Quality Stock

PENNSYLVANIA SALES TAX

Residents of Pennsylvania are subject to 4% sales tax on stock purchased from our Nursery, except on stock which is purchased for resale in its original form or for horticultural production (Christmas trees and ornamentals) in which case it will be necessary that this Sales Tax Exemption be completed and mailed with your order.

Out-of-State purchasers taking delivery at our Nursery are also subject to 4% sales tax, but have the same benefit of exemptions as Pennsylvania residents. Out-of-State purchasers ordering stock for shipment and delivery by common carrier are not subject to this sales tax.

EXEMPTION CERTIFICATE

Commonwealth of Pennsylvania Sales and Use Tax Act No. 381,
Effective March 7, 1956 (Revised 8-20-59)

19

TO *Pikes Peak Nurseries*
P.O. Box 670, INDIANA, PENNSYLVANIA (License No. 32-00762)

I hereby certify that I have purchased from the above named vendor the following items:

Quantity	Description	Purchase or Sales Slip No.	Amount Paid

to be used exclusively by

Address

for the following purpose: ☐ Resale in Original Form ☐ Horticultural Production,
(Christmas Trees or Ornamentals).

It is understood that the exemption from tax in the case of articles purchased under this Exemption Certificate is limited to articles purchased for the exclusive use of the above named individual for the purpose stated above. If articles purchased tax free are otherwise used, such fact must be reported by the purchaser to the vendor.

False or fraudulent use of this Exemption Certificate is punishable by a fine of \$1,000 or imprisonment for one year or both.

CERTIFICATION:

Sign Here



Pikes Peak Nurseries
801 WATER STREET INDIANA, PA.

MEMBER OF



NATIONAL MAIL ORDER NURSERYMEN'S ASSOCIATION
AMERICAN FORESTRY ASSOCIATION
PENNSYLVANIA NURSERYMEN'S ASSOCIATION
PENNSYLVANIA FORESTRY ASSOCIATION
PENNSYLVANIA CHRISTMAS TREE GROWERS ASSOCIATION
OHIO FORESTRY ASSOCIATION
OHIO CHRISTMAS TREE GROWERS COUNCIL
NATIONAL CHRISTMAS TREE GROWERS ASSOCIATION
INDIANA COUNTY CHRISTMAS TREE GROWERS ASSOCIATION

Catalog Index

	Page
Cultivated Christmas Trees	2, 3, 4
Explanation of Catalog Tree Ages	5
Care of Plants When Received	5
Pines	6, 7, 8
Larches	8
Spruces	9, 10
Firs	11
Hemlocks	13
Deciduous Seedlings	13, 14
Ornamental Transplants	15, 16
Arborvitae	16
Special Offers	17
Evergreen Ornamentals	18
Broadleaf Evergreens and Shrubs	19, 20, 21
Flowering Trees	22, 23
Living Hedges	23, 24
Vines and Ground Cover	24
Special Shade Trees	24, 25
Shade and Forest Tree Seedlings and Transplants	26, 27, 28, 29
Nut Trees	29
Dwarf Fruit Trees	30

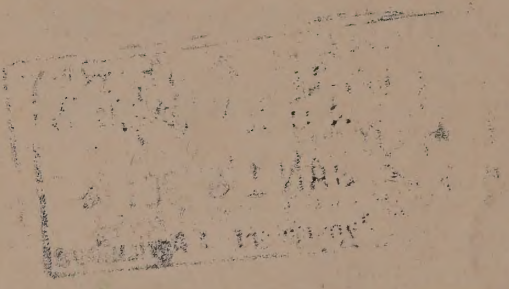
We exhibit every year at the Pennsylvania Farm Show in Harrisburg, Pennsylvania.
Stop by our Booth, Section E — Space No. 590, and examine our display.

RETURN POSTAGE GUARANTEED

Pike's Peak Nurseries

P. O. BOX 670
INDIANA, PENNSYLVANIA

Here's your
copy of our
new 1961
catalog and
planting
guide!



BULK RATE
U. S. POSTAGE
PAID
Indiana, Pa.
Permit No. 186

UNITED STATES DEPT. OF AGRIC.
LIBRARY
WASHINGTON 25, D. C.